

CLAIMS AS FILED - PART I

(Column 1)		(Column 2)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
1 (37 CFR 1.16(a))	2 (37 CFR 1.16(b))	3 (37 CFR 1.16(c))	RATE	FEE		RATE	FEE
BASIC FEE				\$	OR		\$
TOTAL CLAIMS					OR		
INDEPENDENT CLAIMS	minus 20 =		X \$		OR	X \$	
MULTIPLE DEPENDENT CLAIM PRESENT	minus 3 =		X \$		OR	X \$	
(37 CFR 1.16(d))			+	\$	OR	+	\$
			TOTAL		OR	TOTAL	

CLAIMS AS AMENDED - PART II

5-23-05

AMENDMENT A	(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
Total (37 CFR 1.16(c))		Minus				OR		
Independent (37 CFR 1.16(b))		Minus		X \$		OR	X \$	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				X \$		OR	X \$	
				+	\$	OR	+	\$
				TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

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AMENDMENT B	(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
Total (37 CFR 1.16(c))		Minus				OR		
Independent (37 CFR 1.16(b))		Minus		X \$		OR	X \$	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				X \$		OR	X \$	
				+	\$	OR	+	\$
				TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

AMENDMENT C	(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
Total (37 CFR 1.16(c))		Minus				OR		
Independent (37 CFR 1.16(b))		Minus		X \$		OR	X \$	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				X \$		OR	X \$	
				+	\$	OR	+	\$
				TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
 The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875Application or Document Number
10/705,482**CLAIMS AS FILED - PART I**

(Column 1) (Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	7 minus 20 =	
INDEPENDENT CLAIMS (37 CFR 1.16(d))	1 minus 3 =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))		

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

RATE	FEE
	\$
X \$	
X \$	
+ \$	
TOTAL	

OR

RATE	FEE
	\$
X \$	
X \$	
+ \$	
TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	6 Minus 20		
Independent (37 CFR 1.16(d))	1 Minus 3		
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X \$	
X \$	
+ \$	
TOTAL ADD'L FEE	

OR

RATE	ADDITIONAL FEE
X \$	
X \$	
+ \$	
TOTAL ADD'L FEE	

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	6 Minus 20		
Independent (37 CFR 1.16(d))	2 Minus 3		
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			

RATE	ADDITIONAL FEE
X \$	
X \$	
+ \$	
TOTAL ADD'L FEE	

OR

RATE	ADDITIONAL FEE
X \$	
X \$	
+ \$	
TOTAL ADD'L FEE	

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	8 Minus 20		
Independent (37 CFR 1.16(d))	1 Minus 3		
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))			

RATE	ADDITIONAL FEE
X \$	
X \$	
+ \$	
TOTAL ADD'L FEE	

OR

RATE	ADDITIONAL FEE
X \$	
X \$	
+ \$	
TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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PTO/SB/30 (04-05)

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**Request
for
Continued Examination (RCE)
Transmittal**Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	10705482
Filing Date	NOVEMBER 10, 2003
First Named Inventor	JOHN A. BENAGLIO
Art Unit	1762
Examiner Name	K.A. BAREFORD
Attorney Docket Number	23040-03C

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).
- a. ☒ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
- i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ii. ☐ Other _____
- b. ☒ Enclosed
- i. ☒ Amendment/Reply
- ii. ☐ Affidavit(s)/Declaration(s)
- iii. ☐ Information Disclosure Statement (IDS)
- iv. ☐ Other _____
2. **Miscellaneous**
- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- b. ☐ Other _____
3. **Fees**
- The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
- The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No. 50-0447. I have enclosed a duplicate copy of this sheet.
- a. ☒ RCE fee required under 37 CFR 1.17(e)
- ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17)
- iii. ☐ Other _____
- b. ☐ Check in the amount of \$ _____ enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-3038.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED	
Signature	<i>Arthur G. Schaefer</i>
Name (Print/Type)	ARTHUR G. SCHAEFER
Date	5/23/05
Registration No.	37,715

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 or facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Signature	
Name (Print/Type)	
Date	

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